

GEOS-Chem Update Submission Form

Brief description of update:	
Type:	<input type="checkbox"/> Bug fix <input type="checkbox"/> Structural update <input type="checkbox"/> Science update <input type="checkbox"/> New feature <input type="checkbox"/> Benchmarking update <input type="checkbox"/> Other (please specify):
Date submitted to GCST:	
Developer(s) and affiliation(s):	
Reference(s):	
Impacts:	<input type="checkbox"/> Source code <input type="checkbox"/> Run directory files <input type="checkbox"/> Input data <input type="checkbox"/> Other (please specify):
Tests conducted:	<input type="checkbox"/> GEOS-Chem Unit Test <input type="checkbox"/> GEOS-Chem Difference Test <input type="checkbox"/> Benchmark simulation <input type="checkbox"/> Other (please specify):
Git pull request <u>OR</u> Patch file name & parent commit:	
Url of detailed description of update and impacts on model output:	
Additional comments:	
Approved by Working Group Chair(s):	

Please fill out and send this form to the GEOS-Chem Support Team (geos-chem-support [at] as [dot] harvard [dot] edu)

Checklists for GEOS-Chem update submissions:

Code update checklist:

- ☐ F90 free format is used whenever possible
- ☐ Code updates are well-commented
- ☐ Extraneous code updates (e.g. testing options, other code updates) removed
- ☐ Full citations included at the top of relevant source code modules
- ☐ Completed [GCHP updates required with GEOS-Chem Classic updates](#)
- ☐ results.log file from a unit test included
- ☐ Code updates submitted via git pull request in Github (preferred) or git patch file
 - ☐ Pull request made off of master branch
 - ☐ Parent commit name included with patch file

Data checklist:

- ☐ Data files are COARDS-compliant
 - ☐ [Use script isCoards](#) and include output in submission
- ☐ Includes an updated HEMCO_Config.rc file (if the data will be read via HEMCO)
- ☐ Includes README detailing data source, contents, etc.
- ☐ Includes script(s) used to process original data
- ☐ Includes a summary or description of the expected results (e.g. emission totals for each species)